

Suppl. Table S1. List of primers used in RT-qPCR analysis

| Gene Name | Gene ID | NCBI Accession Number | Forward primer | Reverse primer |
|-----------|-------------------|-----------------------|-----------------------------|--------------------------|
| VviPAL | VIT_13s0019g04460 | XM_010660093.2 | GTGAGGGAAGAACTGGGAGC | TTGTCACACTCTTCACCGGG |
| VviC4H | VIT_06s0004g08150 | XM_002266202.3 | GAACCACCTGAACCTCTCCG | ATCCGAACCTCCACTCCCTGA |
| VviUFGT | VIT_04s0023g01290 | JF522529 | TGGTGGCTGACGCATTCAT | CCCCATCTCTGCTGCCATATC |
| VviDXS | VIT_05s0020g02130 | XM_002277883.4 | CCAAGGGCGTTACCAAACAG | TCAACTTTTGCAGCCAATTCA |
| VviCCD1 | VIT_13s0064g00840 | NM_001280915 | TGGACAGCATAGCCAAGGTG | GCTCACGAGGGACAAAGACA |
| VviLOXA | VIT_06s0004g01450 | NM_001281094.1 | GCAAATCAAAGGGACAACGCTGTATGG | TGCTTCCACTGCGGCTTCC |
| VviGGT | VIT_11s0016g02830 | XM_002280154.3 | TGGCAACAGCTTAGAGGCAGTA | CCCACCTGCCTTTCTCACAT |
| VviEF1a | VIT_06s0004g03240 | XM_002284888.3 | GAACTGGGTGCTTGATAGGC | AACCAAAATATCCGGAGTAAAAGA |